8.1.2 Average Energy Intensity of Public Water Supplies by Location (kWh per Million Gallons)					
<u>Location</u>	Sourcing	Treatme	nt (1) Distribution	Wastewater	<u>Total</u>
United States (2)	836	627	437	1,363	3,263
United States (3)	2,230	65	(6)	1,649	2,295
Northern California Indo	or 2,117	111	1,272	1,911	5,411
Northern California Out	door 2,117	111	1,272	0	3,500
Southern California Ind	oor 9,727	(5) 111	1,272	1,911	13,021
Southern California Out	door 9,727	111	1,272	0	11,110
lowa	2390	(6)	380	1,570	4,340
Massachusetts	1,500	(6)	(6)	1,750	3,250
Wisconsin Class AB (4)	-	-	-	not included	1,510
Wisconsin Class C (4)	-	-	-	not included	1,850
Wisconsin Class D (4)	-	-	-	not included	1,890
Wisconsin Total (4)	-	-	-	not included	1,601
Note(s): 1) Treatment before delivery to customer. 2) Source: Electric Policy Research Institute (EPRI) 2009. Wastewater estimated based on EPRI 2002. 3) Source: TIAX 2006. 4) Based on water treatment facility size: Class AB >4000 customers, Class C: 1000 to 4000, Class D <1000. Median energy use value reported. 5) Southern California sourcing energy is high because of energy used to pump water from Northern California. 6) Included with Sourcing.					
Source(s): Electric Power Research Institute, Program on Technology Innovation: Electric Efficiency Through Water Supply Technologies A Roadmap, Publication 1019360, 2009; EPRI, Water & Sustainability (Volume 4): U.S. Electricity Consumption for Water Supply & Treatment – The Next Half Century, 2002; DOE/TIAX LLC, Commercial and Residential Sector Miscellaneous Electricity Consumption: Y2005 and Projections to 2030, 2006; California Energy Commission/Navigant Consulting, Refining Estimates of Water Related Energy Use in California, Public Interest Energy Research Program, CEC-500-2006-118; Iowa Association of Municipal Utilities/Iowa Energy Center, Energy Consumption and Costs to Treat Water and Wastewater in Iowa Part II: Survey Results Tables and Charts, 2002; EPA, Ensuring a Sustainable Future: An Energy Management Guidebook					
for Wastewater and Water Utilities, 2008; and Wisconsin Focus on Energy, Energy Use at Wisconsin's Drinking Water Utilities, 2003.					